

Liton Systems  
MOB 007152903  
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3-15-93

# Drinking Water Questionnaire

**Date/Time of Conversation** 3/15/93 1030

**Recorded By:** [Signature] **Title:** Site Manager  
(Project Manager, Site Manager, etc.)

**Jacobs Project No./WBS** 120253-12 (511) **Site:** Liton Systems Inc.

**Person Contacted (Name, Title)** Chuck Adeshold, Laboratory Analyst **Phone No.** 417-831-8837

**Person Contacted (Organization/Agency/City/State)** City of Springfield, Utilities Laboratory

## Conversation Summary

1. Does the community have a centralized drinking water supply system?  Yes  No 2. Name: Springfield City Water Dept

3. Is it public or private?  Private  Public 4. Source of drinking water:  Groundwater  Surface Water  Combination

5. Can the water company provide a system distribution map? City will send  Yes  No

6. Does the system supply water to any other community?  Yes  No Community:

7. Do neighboring communities have drinking water supply systems (ask for contacts)?  Yes  No Contacts:

8. What are the names of the drinking water sources (i.e. Wellfield Number 1)? James River, Felton Lake, McDaniel Lake, Fulkerson

9. Total population served by the system: ~150,000 (population of Springfield)

For a groundwater supply system answer the following questions. For surface water supplies go to page 2.

Well Number	Depth	Aquifer	Well Status	Pumping Rate	% of Supply	Location
3 wells	Deep		Strand by/Emergency use		0	See Map
Other wells			Not used		0	See Map

A. Explain any well closings / None

B. Is the water system interconnected such that water from any well is capable of reaching any part of the system? Yes

C. Has the groundwater recently been tested (for what and results)?  Yes  No Results Available?  Yes  No  
Water is tested daily

D. Have there been any problems with groundwater contamination in the area?  Yes  No  
Explain:

### Conversation Summary (Continued)

E. Are there private wells located in the community or the general area?  Yes  No *Attach additional page if necessary.*

Well Location	Depth	Aquifer	Status	Use	Population Served

**Surface water intakes:**

Where is each intake located:	Population Served	Water Body	Flow Rate c.f.s.
T. 30N R. 22W Sec. 26	~37,500	McDaniel Lake (at dam)	
T. 29N R. 22W Sec. 2	~37,500	Fellows Lake (underworks)	
T. 30N R. 21W Sec. 2	~37,500	James River (near Patten Creek)	
T. 30N R. 21W Sec. 22	~37,500	Fellows Lake (at dam)	

A. Is the water supply system interconnected such that water from any intake is capable of reaching any part of the system?

If so, what percent of the system's output is supplied by each intake? *Yes, 25% of the supply is provided by each intake*

B. Is the water treated prior to distribution?  Yes  No

If so, why and how? *Typical treatment includes chlorination, coagulation, flocculation, and filtering.*

C. Has an intake ever been closed or taken out of service due to contamination of any kind?  Yes  No

If so, request an explanation of the circumstances.

D. Has the surface water recently been tested (for what and results)?  Yes  No *Results: Water is tested daily. No contaminants of concern detected.*

E. Are there private intakes located on the surface water bodies in the vicinity?  Yes  No

F. Can the water company provide a system distribution map? *Are solidary*  Yes  No

G. Can the water company provide the location of intakes and distribution areas on a topographic map?  Yes  No

Action Items

Due Date

- 1.
- 2.